ELSEVIER

Wear 180 (1995) 103

WEAR

Author Index of Volume 180

Beynon, J.H., 79
Bhushan, B., 9, 17
Blanpain, B., 43

Celis, J.-P., 43
Chacon-Nava, J., 91

De Baets, P., 61

Ganti, S., 17

Hensler, J.H., 73

Kapoor, A., 79
Koinkar, V.N., 9

Lin, S.C., 53

Ma, Z.Y., 35
Manory, R.R., 73
Mishina, H., 1
Mohrbacher, H., 43

Roos, J.R., 43

She, J.H., 35

Stack, M.M., 91
Stott, F.H., 91

Terheci, M., 73
Ting, C.J., 53
Tyfour, W.R., 79

Wang, D.F., 35

Elsevier Science S.A.

ELSEVIER

Wear 180 (1995) 105–106

WEAR

Subject Index of Volume 180

Accumulated plastic strain
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79
Adhesion
the friction and wear of automotive grey cast iron under dry sliding conditions Part 1—relationships between wear loss and testing parameters, 73
Adhesive wear
chemisorption of diatomic gas molecules and atmospheric characteristics in adhesive wear and friction of metals, 1
Atomic force microscopy
macro and microtribological studies of CrO_2 video tapes, 9

Bearing materials
comparison of the wear behaviour of six bearing materials for a heavily loaded sliding system in seawater, 61

Ceramics
effect of microstructure on erosive wear behavior of SiC ceramics, 35
Chemisorption
chemisorption of diatomic gas molecules and atmospheric characteristics in adhesive wear and friction of metals, 1
Coatings
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43
Coefficient of traction
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79
Corrosion
relationship between the effects of velocity and alloy corrosion resistance in erosion–corrosion environments at elevated temperatures, 91
CrO_2
macro and microtribological studies of CrO_2 video tapes, 9
Cutting
tool wear monitoring in drilling using force signals, 53

Debris
the friction and wear of automotive grey cast iron under dry sliding conditions. Part 1—relationships between wear loss and testing parameters, 73
Delamination
the friction and wear of automotive grey cast iron under dry sliding conditions. Part 1—relationships between wear loss and testing parameters, 73
Drilling
tool wear monitoring in drilling using force signals, 53

Engineering surfaces
generalized fractal analysis and its applications to engineering surfaces, 17
Erosion
effect of microstructure on erosive wear behavior of SiC ceramics, 35
relationship between the effects of velocity and alloy corrosion resistance in erosion–corrosion environments at elevated temperatures, 91

Force signals
tool wear monitoring in drilling using force signals, 53
Fractal analysis
generalized fractal analysis and its applications to engineering surfaces, 17
Fracture toughness
the friction and wear of automotive grey cast iron under dry sliding conditions. Part 1—relationships between wear loss and testing parameters, 73
Friction
chemisorption of diatomic gas molecules and atmospheric characteristics in adhesive wear and friction of metals, 1
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43
Friction force microscopy
macro and microtribological studies of CrO_2 video tapes, 9

Gas molecules
chemisorption of diatomic gas molecules and atmospheric characteristics in adhesive wear and friction of metals, 1
Grit blasting
effect of microstructure on erosive wear behavior of SiC ceramics, 35

Magnetic tapes
macro and microtribological studies of CrO_2 video tapes, 9
Metals
chemisorption of diatomic gas molecules and atmospheric characteristics in adhesive wear and friction of metals, 1
Moisture
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43

Particle impact
relationship between the effects of velocity and alloy corrosion resistance in erosion–corrosion environments at elevated temperatures, 91

Rail steel
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79
Ratchetting
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79
Rolling–sliding contact
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79

Elsevier Science S.A.

Roughness
the friction and wear of automotive grey cast iron under dry sliding conditions. Part 1—relationships between wear loss and testing parameters, 73

Seawater
comparison of the wear behaviour of six bearing materials for a heavily loaded sliding system in seawater, 61
SiC
effect of microstructure on erosive wear behavior of SiC ceramics, 35
Sliding
comparison of the wear behaviour of six bearing materials for a heavily loaded sliding system in seawater, 61
Solid lubrication
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43
Strain hardening
the steady state wear behaviour of pearlitic rail steel under dry rolling–sliding contact conditions, 79

Tool wear
tool wear monitoring in drilling using force signals, 53
Tribo-oxidation
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43

Velocity
relationship between the effects of velocity and alloy corrosion resistance in erosion–corrosion environments at elevated temperatures, 91
Vibrating contact
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43
Vibrations
the friction and wear of automotive grey cast iron under dry sliding conditions. Part 1—relationships between wear loss and testing parameters, 73
Video tapes
macro and microtribological studies of CrO_2 video tapes, 9

Wear
the influence of humidity on the fretting behaviour of PVD TiN coatings, 43
Wear monitoring
tool wear monitoring in drilling using force signals, 53